



# SAFETY DATA SHEET

## TOILET CLEANER - CONCENTRATE

According to Regulation (EU) No 453/2010

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name TOILET CLEANER - CONCENTRATE  
Product No. FHSB10

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Cleaning agent.  
Uses advised against Not for oral consumption Must not be used where hypochlorite based chemicals are present.

#### 1.3. Details of the supplier of the safety data sheet

Supplier PRIME SOURCE  
PO BOX 15247  
BIRMINGHAM  
B22 3HN  
+44 (0) 7039 401 465  
info@prime-source.co.uk

#### 1.4. Emergency telephone number

UK Environment Agency 24hour Advisory Service 0800 807060. Irish Environmental Protection Agency 1890 335599. This product is registered with the NPIS. Telephone : (+44) 0844 892 0111  
24 Hour Medical Emergency Telephone Number (+44) 0870 190 6777

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (1999/45/EEC) C;R34.

#### 2.2. Label elements

Contains PHOSPHORIC ACID

#### Detergent Labelling:

>= 30% phosphates  
5 - < 15% non-ionic surfactants

#### Labelling



Corrosive

#### Risk Phrases

R34 Causes burns.

#### Safety Phrases

S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S60 This material and its container must be disposed of as hazardous waste.

#### 2.3. Other hazards

This product does not contain any PBT or vPvB substances.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

# TOILET CLEANER - CONCENTRATE

<b>PHOSPHORIC ACID</b>		<b>30-60%</b>
<b>CAS-No.: 7664-38-2</b>		<b>EC No.: 231-633-2</b>
Classification (EC 1272/2008) Skin Corr. 1B - H314	Classification (67/548/EEC) C;R34.	
<b>N-ALKYL "tallow" N,N-BIS HYDROXYETHYL AMINE OXIDE</b>		<b>1-5%</b>
<b>CAS-No.: 61791-46-6</b>		<b>EC No.: 263-179-6</b>
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xi;R38,R41. N;R50.	
<b>ALCOHOL ETHOXYLATE</b>		<b>1-5%</b>
<b>CAS-No.: 68131-39-5</b>		<b>EC No.: 500-195-7</b>
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xi;R41. N;R50.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information

Remove victim immediately from source of exposure.

#### Inhalation

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

#### Ingestion

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Place unconscious person on the side in the recovery position and ensure breathing can take place. Never give liquid to an unconscious person. Get medical attention.

#### Skin contact

Remove contaminated clothes and rinse skin thoroughly with water. Continue to rinse for at least 15 minutes and seek medical attention.

#### Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Inhalation.

Unlikely route of exposure. If mixed with acid, chlorine gas can be evolved resulting in stinging sensation in eyes and difficulty in breathing. There may be burning to nose, mouth and respiratory system. Coughing, chest tightness, feeling of chest pressure.

#### Ingestion

May cause chemical burns in mouth and throat.

#### Skin contact

Burns can occur.

#### Eye contact

May result in permanent eye damage.

### 4.3. Indication of any immediate medical attention and special treatment needed

#### Notes to the physician

Contains Phosphoric acid and wetting agents. Rinse well with water until skin and eyes are at a normal pH. Note on initial dilution this product will thicken to form a substantive but water soluble gel.

# TOILET CLEANER - CONCENTRATE

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

### 5.2. Special hazards arising from the substance or mixture

#### Specific hazards

The product is non-combustible. If heated, corrosive vapours may be formed.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

Use air respirator if substance is involved in a fire. Protective clothing and respiratory protection should be worn when tackling fires involving this product.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Large spillages or uncontrolled discharges into rivers or streams must be reported to the Environment Agency or other regulatory body.

### 6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Stop leak if possible without risk. Should be prevented from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

### 6.4. Reference to other sections

see sections 8, 12 & 13

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Wear full protective clothing for prolonged exposure and/or high concentrations. Read and follow manufacturer's recommendations.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep in original container. Keep above the chemical's freezing point. Keep containers tightly closed. Store in a cool and well-ventilated place.

### 7.3. Specific end use(s)

Toilet cleaner and descaler

#### Usage Description

Use as instructed on the product information sheet.

#### Storage Precautions (Labelling)

Keep above the chemical's freezing point. Keep containers tightly closed. Store away from Alkalies and Chlorinated Materials

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PHOSPHORIC ACID	WEL		1 mg/m <sup>3</sup>		2 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



# TOILET CLEANER - CONCENTRATE

## Engineering measures

Provide adequate general and local exhaust ventilation.

## Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

## Hand protection

Rubber, neoprene or PVC.

## Eye protection

If risk of splashing, wear safety goggles or face shield.

## Other Protection

Wear suitable protective clothing as protection against splashing or contamination.

## Environmental Exposure Controls

Do not allow the substance to contaminate surface water/ground water. See point 6, 12 & 13.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Yellow. Note: Colour changes from yellow to green upon dilution with water
Odour	Faint Detergent
Solubility	Soluble in water.
Relative density	1.41 @ 20 Degrees C
pH-Value, Conc. Solution	1 - 2
	Viscosity will increase upon addition of water.

### 9.2. Other information

Storage Temperature Range -5 to +40 degrees C

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable under normal temperature conditions and recommended use. Avoid contact with caustic/alkaline material. This will generate heat and potentially corrosive vapour. Avoid contact with hypochlorite based products, this will produce toxic chlorine gas.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Refer to section 10.1.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

#### Materials To Avoid

Contact with hypochlorite based products will liberate toxic chlorine gas.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Aspiration hazard:

##### Inhalation

Unlikely route of exposure due to low volatility. Mixing with bleach will evolve chlorine gas

##### Ingestion

Causes burns. May cause chemical burns in mouth, oesophagus and stomach.

##### Skin contact

Causes burns.

##### Eye contact

Risk of serious damage to eyes.

# TOILET CLEANER - CONCENTRATE

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

This product is not classified as hazardous to the environment. However it contains a component (or components) that is (are) classified as very toxic to the aquatic environment in their neat form.

### 12.1. Toxicity

#### Acute Toxicity - Fish

Not relevant

This mixture is not classified as toxic to aquatic organisms. Normal use of diluted product is unlikely to pose a risk. See note 12.0

#### Acute Toxicity - Aquatic Invertebrates

Not relevant

This mixture is not classified as toxic to aquatic organisms. Normal use of the diluted product is not expected to pose any risk. See note 12.0

#### Acute Toxicity - Aquatic Plants

Not relevant

This mixture is not classified as toxic to aquatic organisms. Normal use of Diluted Product is not expected to pose any risk. See note 12.0

### 12.2. Persistence and degradability

#### Degradability

The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria as laid down in the European Detergents Regulation No 648/2004 as ammended.

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

The surfactant(s) in this product are not expected to bioaccumulate.

### 12.4. Mobility in soil

#### Mobility:

The product contains substances, which are water soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

### 12.6. Other adverse effects

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

### 13.1. Waste treatment methods

Dispose of in accordance with Local Authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number

UN No. (ADR/RID/ADN) 1805

UN No. (IMDG) 1805

UN No. (ICAO) 1805

### 14.2. UN proper shipping name

Proper Shipping Name PHOSPHORIC ACID, SOLUTION

### 14.3. Transport hazard class(es)

ADR/RID/ADN Class 8

ADR/RID/ADN Class Class 8: Corrosive substances.

ADR Label No. 8

# TOILET CLEANER - CONCENTRATE

IMDG Class 8  
 ICAO Class/Division 8  
 Transport Labels



## 14.4. Packing group

ADR/RID/ADN Packing group III  
 IMDG Packing group III  
 ICAO Packing group III

## 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
 No.

## 14.6. Special precautions for user

EMS F-A, S-B  
 Emergency Action Code 2R  
 Hazard No. (ADR) 80

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

### General information

This document is a Safety Data Sheet, NOT a CoSHH assessment. It is the customers' responsibility to conduct a full CoSHH assessment, taking into account the information held within this document along with other local factors considered in a risk assessment.

The Risk and Hazard statements listed below are the full text of abbreviations used in this document. They are not the final classification, for this refer to section 2.

### Revision Comments

Product Launch

Revision Date 5th December 2011

### Risk Phrases In Full

R34 Causes burns.  
 R38 Irritating to skin.  
 R41 Risk of serious damage to eyes.  
 R50 Very toxic to aquatic organisms.

# TOILET CLEANER - CONCENTRATE

**Hazard Statements In Full**

H318	Causes serious eye damage.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H302	Harmful if swallowed.
H400	Very toxic to aquatic life.

*Disclaimer*

*This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.*